

NUCLEAR DIVISION NEWS

A Newspaper for the Employees of the Nuclear Division, Union Carbide Corporation

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UNION
CARBIDE

For significant research contributions

Scott, Whitman named Corporate Fellows

Charles D. Scott and Graydon D. Whitman of ORNL have been designated Corporate Fellows of Union Carbide Corporation. Scott was named a Corporate Research Fellow, and Whitman, a Corporate Engineering Fellow.

In announcing the honor, Roger F. Hibbs, President of the Nuclear Division, explained that designation as a Corporate Fellow is made by Union Carbide on a limited basis to those who have chosen research as a career and whose contributions have been both significant and continually high over a period of years.

Scott, who is a member of the Chemical Technology Division, is a recognized authority in the application of chemical and engineering principles to the development of nuclear fuel processing, chromatographic separations systems, advanced analytical instrumentation for clinical, industrial hygiene and process applications, and biologically based chemical processes for environmental protection, energy production and conservation, and resource energy. In addition, he is presently directing a group of scientists in pioneering the development of processes which use micro-organisms for cleaning wastes, for producing and conserving energy, and for recovery of resources. Innovations in this field have begun to have impact on wastewater treatment in the nuclear fuel cycle and for municipalities and industries.

Educational background

A native of Chaffee, Mo., Scott received his BS in chemical engineering from the University of Missouri and his MS and PhD in the same field from the University of Tennessee. He joined the Nuclear Division staff in 1953 and since 1970 has been a part-time professor of engineering science at the University of Tennessee.

Scott is a recipient of the E. O. Lawrence Award, one of the highest awards given by DOE. He is a fellow of the American Institute of Chemical Engineers and a member of six other professional societies.

Scott and his wife, the former Alice R. Bardill, live at 240 Louisiana Avenue, Oak Ridge. They have three children.

Nuclear power development programs

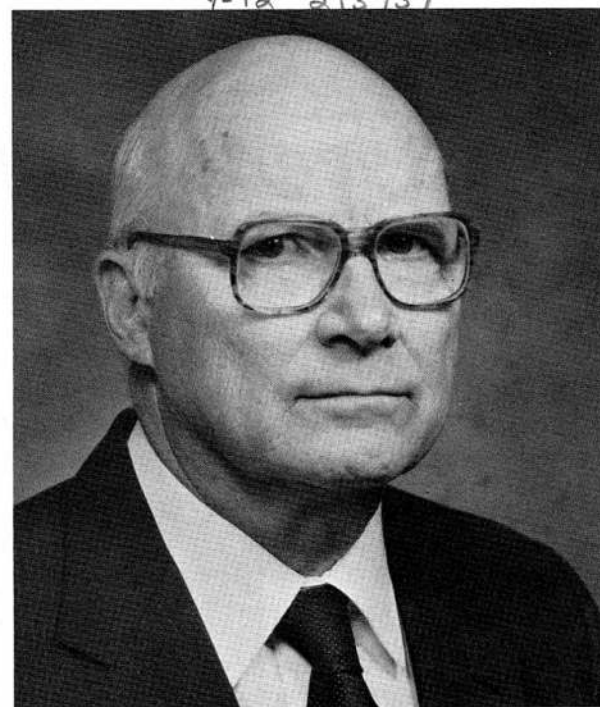
Whitman, who has been associated with the Nuclear Division for more than 35 years, is head of the pressure vessel technology section in the Engineering Technology Division. Since the early 1950's he has served in the capacities of original researcher, group leader and project manager on a variety of nuclear



Charles D. Scott

power development programs, many of which were involved in ensuring the structural integrity of the reactor pressure vessel and other pressure boundary components. His ability to synthesize these diverse interdisciplinary elements into a usable product as the forefront of technology has been expressed in the development of pressure vessel technology for several nuclear reactor types.

A native of Fostoria, Ohio, Whitman received his bachelor's degree in mechanical



Graydon D. Whitman

engineering from Ohio State University. He also attended the Oak Ridge School of Reactor Technology. He has been a member of the Pressure Vessel Research Committee since 1972. He is a member of the American Society of Mechanical Engineers, the American Concrete Institute and the Tennessee Society of Professional Engineers.

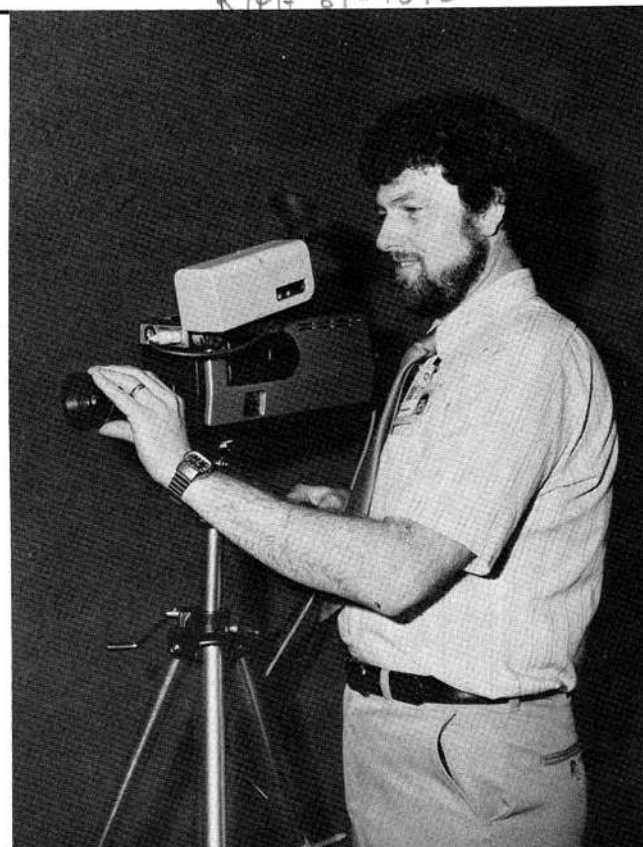
Whitman and his wife, Lucille, live at 931 West Outer Drive, Oak Ridge. They have two children.

In this issue . . .

The series of articles on Nuclear Division employees "doing the unusual" continues in this issue with a feature story on ORGDP's J. Paul Mashburn (right), telecommunications operator in the Separation Systems Division. For more on Mashburn, please turn to page 5.

Other features:

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Can signals be reprogrammed at North Portal?

QUESTION: Something needs to be done about the dangerous traffic situation that arises between 3:30 and 4:15 p.m. each workday at the entrance to Bear Creek Road from the east end of Y-12's North Portal. During this period, the traffic light is only flashing red, forcing the many employees who leave work between 3:30 and 4:15 to risk an accident as they pull out in front of oncoming cars onto Bear Creek Road. Can't the signals be reprogrammed to operate in the green/yellow/red mode during this period of heavy traffic?

ANSWER: The traffic lights controlling

access to Bear Creek Road from the east end of the North Portal have been set according to regularly scheduled shifts and routine traffic patterns. The lights are presently set to operate in the green/yellow/red mode from approximately 2:57 p.m. until approximately 3:15 p.m. and then from 3:50 p.m. until approximately 5:05 p.m. According to Y-12 Timekeeping, there are no employees presently assigned to a shift ending at 3:30 p.m. However, in light of your question, the Safety Department will survey the area during the times in question to determine the need for changes in the control pattern.

Single News copies

QUESTION: My husband and I are both employed by Union Carbide Corporation in the Nuclear Division. Is it possible to receive only one copy of the *Nuclear Division News*? This would save the cost of postage, printing and handling.

ANSWER: Yes, it can be done. If you wish to receive only one copy per family, you should notify your installation *Nuclear Division News* coordinator in writing, giving your department, employee number and name. The request will be forwarded to Nuclear Division Payroll for processing.

Recent employee deaths in Nuclear Division

H. Odell Eason Jr.

H. Odell Eason Jr., a senior development staff member in ORNL's Fusion Energy Division, died recently at Oak Ridge Hospital. A Union Carbide employee since 1951, Mr. Eason lived at 105 Calvin Lane, Oak Ridge.

He was a senior member of the Institute of Electrical and Electronics Engineers and a member of the International Microwave Power Institute and New York Avenue Church of Christ.



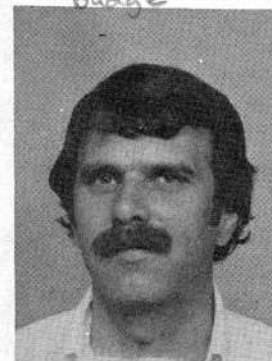
Mr. Eason

Survivors include his wife, Betty Skidmore Eason; four sons, Alan and Timothy M. of Oak Ridge, Richard O. of Knoxville and Mark V. of Clinton; one daughter, Jacque E. Keen, Gainesville, Fla.; and two brothers, Robert A., of Cartersville, Ga., and David M., of Memphis.

Funeral services were conducted at Weatherford Mortuary, with burial in Oak Ridge Memorial Park.

Richard B. Riordan

Richard B. Riordan, a clerk in the Metal Preparation Division at the Y-12 Plant, died June 5 at Stanford University Medical Center in Palo Alto, Calif. He had been employed by the Nuclear Division for two years.



Mr. Riordan

Mr. Riordan, who lived at 512 Cedar Lane, Oliver Springs, was a Vietnam War veteran of the U.S. Army. He was a member of St. Mary's Catholic Church and a fundraiser for the American Heart Association.

He is survived by his wife, Jennifer McClellan Riordan, an ORNL employee; a son, Kyle P., and his mother, Mary E., both of Oak Ridge; four brothers, Tony, of Oak Ridge, Gene, of Knoxville, David, of Oliver Springs, and Steve, of Milpitas, Calif.; and four sisters, Kathy, of

Oak Ridge, Ann and Laura, both of Knoxville, and Carolyn Jones, of Cincinnati.

Services were conducted at St. Mary's Catholic Church.

Joseph M. Arden

Joseph M. Arden, a cleaner in the Y-12 Fabrication Division, died May 30. He was a 13-year Nuclear Division employee.

Mr. Arden, a volunteer deputy with the Loudon County Sheriff's Department and Rescue Squad, was a member of Sixth Avenue Church of God, the Lenoir City Fire Department and Avery Lodge No. 593 F&AM. He was a 32nd Degree Mason.



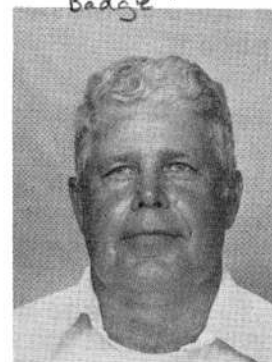
Mr. Arden

Survivors include his wife, Virginia Currier Arden, of 711 West Third Avenue, Lenoir City; son, Joseph Paul Arden, and daughter, Cindy Arden Luttrell, both of Lenoir City; brother, Boyd R. Arden of Florida; sisters, Ella Brown and Nettie Brown, both of Lenoir City; and one grandchild.

Services were conducted at Click Funeral Home Chapel in Lenoir City, with burial in Lakeview Cemetery.

General M. Argo

General M. Argo, a senior lab technician in the Engineering Physics Division at ORNL, died recently at his home.



Mr. Argo

Mr. Argo, a 29-year Carbide employee, lived at 106 Mason Lane in Oak Ridge. He was a member of Central Baptist Church in Kingston. Survivors include his wife, Mary Donnell Argo; two sons, William F. of St. Louis, Mo., and Robert W. of Oak Ridge; a daughter, Jan A. Woodby of Johnson City; and two sisters, Maxine Cranston, Hogansville, Ga., and Louise A. Kennedy, Lansdale, Pa.

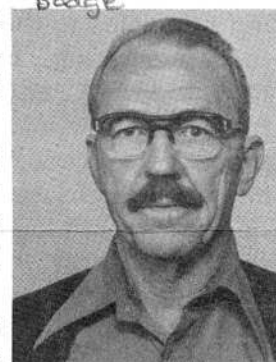
Arlyn L. Williamson

Arlyn L. (Roy) Williamson, an engineering technician in the Y-12 Development Division, died May 29 at his home at 701 Robertsville Road, Oak Ridge. He had been a Union Carbide employee for 16 years.

Mr. Williamson, a U.S. Marine Corps veteran of World War II, was a member of Central Baptist Church.

Survivors include his wife, Marian, of Oak Ridge; son, Michael, of California; daughter, Rebecca, of Oak Ridge; brother, Delmar, of Lorene, Kan.; and three sisters, Marian Alvice, of Phoenix, Joan Huffman, of New York, and Peggy Johnson, of Livermore, Calif.

Memorial services were conducted at Weatherford Mortuary Chapel, with a graveside service and burial at Oak Ridge Memorial Park.



Mr. Williamson

Charles A. Agee

Charles A. Agee, an engineer in ORGDP Engineering, died May 26 at Oak Ridge Hospital.



Mr. Agee

Mr. Agee, who had been employed in the Nuclear Division since 1964, lived at 100 Kenwyn Road, Oak Ridge. He was a member of First United Methodist Church.

Survivors include his wife, Carline; a son, Michael; a daughter, Lisa; his mother and father, Helen and John A. Agee Sr., all of Oak Ridge; a brother, John Agee Jr., and a sister, Nola Stanley, both of Melbourne, Fla.

Funeral services were held at Weatherford Mortuary.

Four organizational changes announced at ORGDP



Riepe

Several organizational changes have been announced in the Separation Systems Division at ORGDP.

- Robert C. Riepe has been appointed manager for Centrifuge Process Technology, which includes the division's centrifuge development, process systems, centrifuge materials and centrifuge physics departments;

- Vernon E. Gordon is manager of the Centrifuge Development Department;

- Jack L. Petty Jr. is manager of the Process Systems Department; and

- Rose C. Wood is manager of the Administration Department.

Riepe

Riepe is a native of Metropolis, Ill. He received his BS and MS degrees in mechanical engineering from Southern Illinois University, Carbondale. In 1969, he joined the Paducah Plant as a process engineer.

After serving in several technical and supervisory positions at Paducah, Riepe transferred to the Enrichment Technology Division at ORGDP in 1978. He was manager of the Systems and Equipment Technology Department prior to his recent appointment in the Separation Systems Division.

Riepe and his wife, Jan, have two daughters. They live on Farragut Hills Boulevard in Knoxville.

Gordon

Vernon Gordon grew up in Knox County. He received bachelor's and master's degrees in agricultural engineering from the University of Tennessee, where he was recipient of the American Society of Agricultural Engineers' (ASAE) student honor award.

After he joined the Nuclear Division in 1968, Gordon worked in centrifuge development, manufacturing and assembly in the Separation Systems Division. In 1978, he transferred to the Operating Contractors Project Office, where he was manager of centrifuge project engineering until his recent appointment.

Gordon is a member of the ASAE, Sigma Xi, American Society of Engineering Management and the Great Smoky Mountains Alumni Chapter of Tau Beta Pi honor society. He and his wife, Carolyn, have two daughters. They live on Emory Road in the Karns Community.



Gordon



Petty

Jack Petty was born and reared in Atlanta, Ga. He received his bachelor's degree in chemical engineering from the Georgia Institute of Technology and has done graduate work at the University of Tennessee.

After joining ORGDP as a process engineer in 1952, Petty served two years in the U.S. Army, returning to ORGDP in 1955. He transferred to the Gaseous Diffusion Development Division in 1962.

Petty held several supervisory positions in that Division, and in 1978 transferred to the Separation Systems Division, where he has been program manager for Balance of Plant Systems Technology.

Petty is past chairman of the Oak Ridge Section of the American Society of Mechanical Engineers and a member of the Fluid Machinery Committee. He and his wife, Allene, have a daughter and a son. They live on Cooper Circle in Oak Ridge.

Wood

As manager of the Administration Department, Rose Wood is responsible for information processing and editing services, building maintenance and development support, personnel and employment, secretarial services



Wood

and the industrial hygiene, safety and security activities of the Division.

A native of Anderson County, Wood received secretarial training at Knoxville Business College and has attended Roane State Community College. She was certified as a professional secretary (CPS) in 1975 and is currently working toward a degree in management at the University of Tennessee.

Wood joined the Y-12 Nondestructive Testing Department in 1966. She later transferred to ORNL, where she held secretarial positions in several divisions. Prior to her transfer to the Separation Systems Division as administrative services manager in 1979, she worked in ORNL's Advanced Energy Systems.

Wood is a member of the Administrative Management Society and has served as chairman and member of the Roane State Community College Officer Administration Advisory Board. She recently was elected to the Gamma Beta, Phi Honor Society at UT. She has a son and lives in the Coalfield Community.


UCC Savings Plan prospectus available

Employees who are participating in the Savings Plan may wish to obtain a copy of the latest prospectus dated April 26, 1983. This prospectus supersedes the one dated March 31, 1982.

To obtain your copy, employees may contact the Benefit Plans Office at their installations.

Paducah 'Update' scheduled

The newest Paducah Plant "Update" videotape will be shown June 27-30. Schedules of times and locations for showings will be available in Plant work areas in the near future.



Union Carbide

Nuclear Division News

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Marselle P. Ruszkowski of ORNL's Engineering Technology Division.



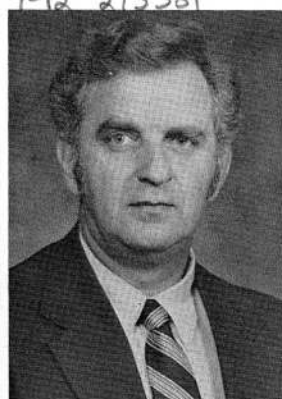
Losh



Rose



Strike



Taylor

Four Y-12 promotions announced

Four promotions have been announced in the Industrial Engineering Division at Y-12. Lawrence G. Losh has been named production scheduling supervisor; James H. Rose and Conrad S. Strike, dispatching area supervisors; and George R. Taylor, department head for field operations in the Dispatching Department.

Losh, a native of Gem, W. Va., joined Union Carbide in 1954 as a maintenance mechanic in ORGDP's Maintenance Division. He transferred to the Y-12 Fabrication Division as a machine operator later that year and also held the positions of material handler and shift supervisor in Nondestructive Testing (NDT). Since 1970, he has served as NDT area coordinator in Industrial Engineering.

Other activities

He is a member of the Oak Ridge Section of the American Society for Nondestructive Testing and a recipient of the Society's Fellow Award. Losh and his wife, the former Norma Jean Linger, live at 105 Milton Lane, Oak Ridge. They have three children.

A native of Roane County, Rose joined Union Carbide in 1959 as a material handler in Y-12's Dispatching Department. He has

been a materials dispatcher and fabrication coordinator and most recently served as dispatching foreman.

Rose, a veteran of the U.S. Air Force, lives at Route 4, Kingston, with his son.

Previous positions

Strike, who is a graduate of Cooper Institute of Business, joined the Nuclear Division in 1959 as a clerk at the Y-12 Plant. The Knoxville native also worked as a dispatcher, scheduler and senior scheduler before being promoted to dispatching supervisor in 1978.

Strike and his wife, the former Evelyn Sue Galloway, live at 7525 Glastonbury Road, Karns. They have three children.

Taylor, a native of Chattanooga, received a BS in industrial technology from Tennessee Technological University. He joined the Nuclear Division in 1968 as a production scheduling analyst at Y-12 and also has served as production scheduling supervisor and group leader in Capacity Expansion Management, Interproject Scheduling and Manpower Planning.

He and his wife, the former Gayle Overton, live at 1301 North Kentucky Street, Kingston. They have four children.

Moody named '1983 Secretary of the Year'

Jeanne D. Moody, CPS, has been named "1983 Secretary of the Year" by the Oak Ridge Chapter of Professional Secretaries International.



Moody

Moody joined the Nuclear Division as a secretary at the Y-12 Plant in 1959 and most recently served as administrative secretary for Technical Services and Plant Protection. She is now a training assistant in the Human Resource Development Department, Employee Relations Division.

She received the award, given annually to the secretary who has made outstanding contributions to the chapter's goals and to the secretarial profession as a whole, at an awards breakfast during Professional Secretaries Week.

She attained the Certified Professional Secretary rating in 1979 and currently is enrolled in the business administration program at Roane State Community College. Moody is president-elect of the Oak Ridge Chapter of Professional Secretaries International.

'Spot bid' sale to be held July 13 at ORGDP

A "spot bid" sale of used, government-owned office equipment and vehicles will be held July 13 at ORGDP. The sale will start at 9 a.m. The items may be inspected daily (including Saturdays, June 25 and July 9) starting June 20 through July 12 from 8:10 a.m. to 4 p.m.

Inspection and sale will be held at the ORGDP powerhouse area, Building K-722, located off state route 58.

Additional information may be obtained from D. R. McCammon at 576-1451.

ORNL seminar series to begin June 21

The 1983 ORNL Summer Seminar Series, a program of lectures for visitors and staff, will begin June 21.

The opening presentation, "Effects of Improved Energy Efficiency on U.S. Energy Use — Past, Present, Future," will be given by Eric A. Hirst, group leader in the ORNL Energy Division's Data and Analysis Section.

Other speakers in the eight-session series, which continues through August 9, will be: Victor J. Tennery, director of High-Temperature Materials Laboratory, "Ordered Aluminide Alloys — New Temperature Materials" (June 28); Melvin J. Feldman, manager of engineering systems, Fuel Recycle Division, "Projected Man: Robotics and Teleoperators" (July 5); Samuel B. McLaughlin Jr., group leader of physiological ecology, Environmental Sciences Division, "Effects of Acid Rain on Forest Ecosystems" (July 12); O. B. (Bill) Morgan, division director, Fusion Energy Division, "The ORNL Fusion Program" (July 19); Fred R. Mynatt, division director, Instrumentation and Controls Division, "The Potential for Artificial Intelligence Applications for Nuclear Reactor Operation" (July 26); Howard I. Adler, group leader of microbial mutagenesis and cell division, Biology Division, "A New Way to Grow Oxygen-Sensitive Bacteria" (August 2); and Thomas H. Row, director of Nuclear Waste Programs, "The State of Nuclear Waste Technology" (August 9).

The seminars will be held each Tuesday at 3 p.m. in the East Auditorium, Building 4500 North. Inquiries may be addressed to the Laboratory's Office of University Relations, J-252, 4500 North, or phone 574-5922.

Haff named ORNL program manager

Karl W. Haff has been named a program manager in the Nuclear Waste Programs at ORNL.



Haff

Haff will be responsible for the By-Products Utilization Management Program, which develops beneficial uses of radioactive waste by-products for medical, research or commercial applications.

In addition to his new program management responsibilities, Haff also is group leader for radioisotope technology in the Operations Division. A member of the Carbide staff since 1957, Haff received a BS in chemical engineering from Virginia Polytechnic Institute and State University in 1959. He is a member of Tau Beta Pi and the American Institute of Chemical Engineers.

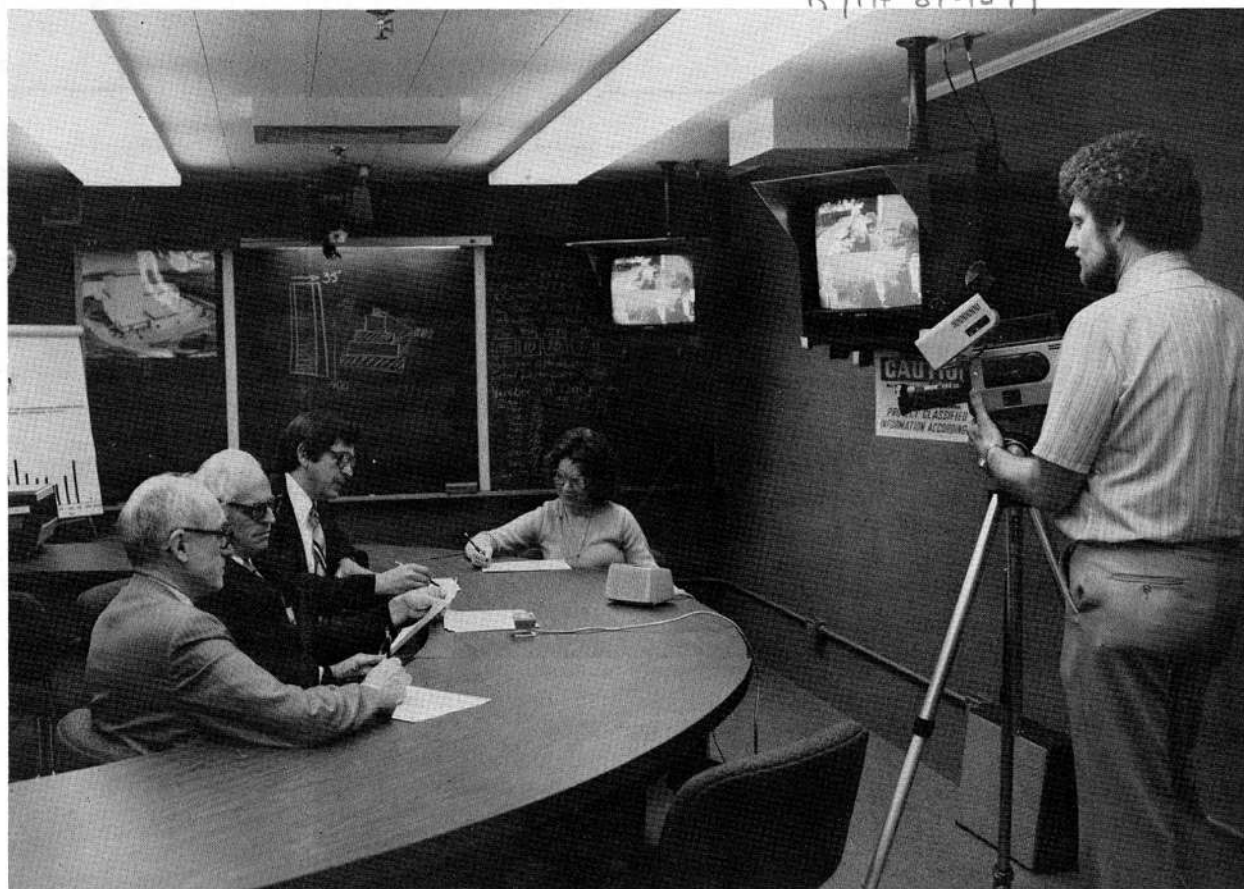
He and his wife, Patricia, reside in Powell. They have two children.

ORGDP's Mashburn busy with cameras, conferences

(Editor's note: The following article is part of a continuing series about Nuclear Division employees with interesting or unusual occupations. If you are involved in a job that's just a little "out of the ordinary," or if you know of someone who is, please contact the Nuclear Division News editors listed on the masthead. We'll be happy to consider your suggestion for a possible feature.)

Operating three television cameras, coordinating the recording and timing of visual aids and drawings used during secure videoconferences, operating a "secure voice" telephone system that allows the transmission of classified information to any company or agency with compatible equipment — these may sound like unusual duties for most Nuclear Division employees. However, these activities, and others, are "all in a day's work" for J. Paul Mashburn, administrative aide and telecommunications operator in ORGDP's Separation Systems Division.

Mashburn, who joined the Nuclear Division in 1976 as a convertor assembler in the ORGDP Barrier Division, now operates the Telecommunications Conference Center (TCC) at the Plant. The TCC was established in 1980 to provide a secure facility enabling O-cleared Oak Ridge personnel involved in the development of the gas centrifuge uranium enrichment process to discuss and transmit



VIDEOCONFERENCING SESSION — Mashburn operates one of the TCC's two color cameras during the transmission of a videoconference to AiResearch in Torrance, Calif.

classified material to persons at other key sites. The center, the first of its kind, provides communication with DOE facilities in Washington, Germantown and Oak Ridge; Lawrence Livermore and Los Alamos National Laboratories; the AiResearch Division of Garrett Corporation in Torrance, Calif.; Goodyear Atomic at Portsmouth, Ohio; and other sites.

During video transmissions, Mashburn is responsible for operating a still-mounted color camera, a mobile color camera and a high-resolution black and white camera.

"The center has three secure, dial-up systems," Mashburn explained. "The secure video system allows transmittal of classified material to AiResearch in Torrance using our still-frame, slow-scan video equipment." During video transmissions, Mashburn is responsible for operating a still-mounted color camera, a mobile color camera and a high-resolution black-and-white camera for sending printed materials. The procedure involves, as he put it, "a lot of button pushing."

The secure voice system allows instantaneous transmission of classified discussions to on-line users. It utilizes the Federal Secure Telephone System, which is available to many government agencies and departments, including branches of the armed forces, American embassies abroad and the White House. The system also allows discussions between groups of people as well as between individuals.

Mashburn also is responsible for operating the secure facsimile system, which is the

most frequently used of the three. This allows the transmission of written material at a rate of about two minutes per page.

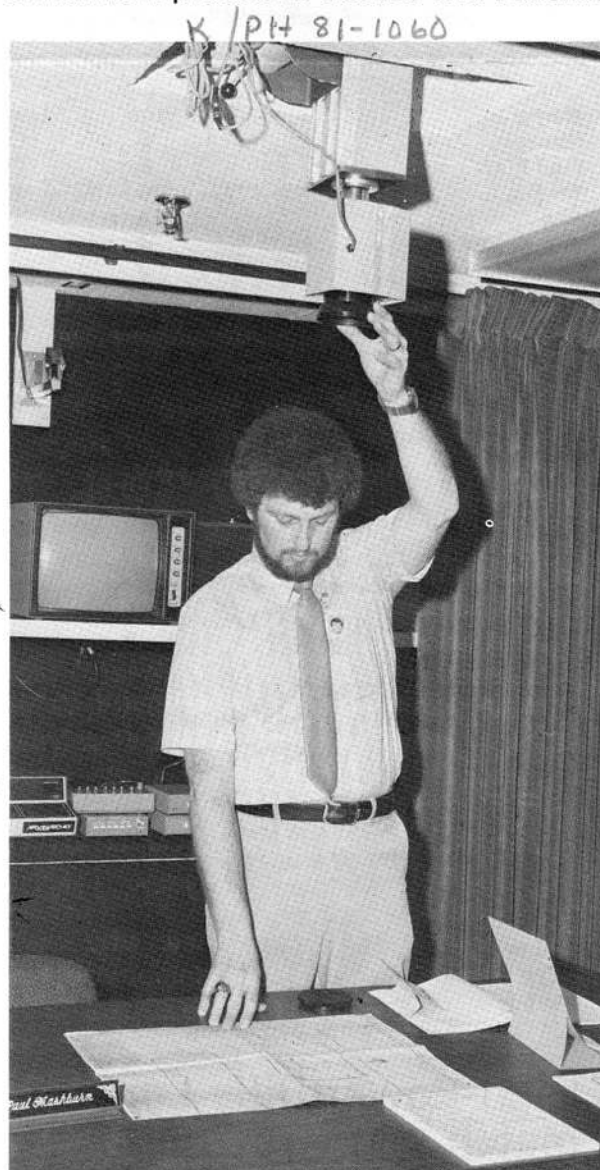
All information transmitted through the TCC is "encrypted," or encoded, for security reasons. Thus, any material transmitted by the three systems is not subject to compromise.

The Harriman resident, who holds a BS in communications from the University of Tennessee, said that "videoconferencing" is his favorite aspect of the job. The center averages about 10 such conferences each month, and he explained that he tries to use creativity and "effective framing, even though we use a slow-scan procedure. Photography is a favorite hobby of mine," added Mashburn, whose wife, Judy, works in the Photography Department at Y-12.

The center averages about 10 videoconferences each month, and Mashburn said that he tries to use creativity and 'effective framing, even though we use a slow-scan procedure.'

He also serves as telecommunications contact for Separation Systems. This involves coordinating telephone services, keeping them current and analyzing telephone-usage data.

Mashburn also helps to arrange tours for special visitors to the centrifuge facilities and has worked on several videotape productions, including quality assurance programs and a film explaining the operations of the TCC. It's obvious that Mashburn meant it when he said, "I never know exactly what I'll be doing next."



SENDING PRINTED MATERIALS — The high-resolution black-and-white camera operated by Mashburn can be used to transmit printed material.

SPORTS TALK /

Are you in favor of a basketball shot clock, such as the 45-second clock likely to be used again next season in Southeastern Conference men's play?



Bonnie Duff
Engineering
Y-12



Dean Terry
Operations
Paducah



Waltina Lyons
Instrumentation and
Controls
ORNL



Sam Clinton
Chemical Technology
ORNL



Wayne McLaughlin
Maintenance
ORGDP



George Widby
Maintenance
Y-12

"I favor the recent revision that frees the final four minutes of the basketball game from the restriction of the clock. The equalizing effect of the rule tends to favor the weaker team, creating a bit more excitement, especially if your favorite is the weaker. I feel that the stall can add to the game when it is used sparingly."

"I definitely am in favor of a shot clock for basketball games. I think that it helps keep the activity in the game and helps to prevent the use of 'slow-down' or stalling offenses. When you keep excitement in the basketball game, you keep the crowd in the game, and that's what I enjoy."

"I favor the clock because I love fast-paced games. I have some reservations about not applying the rule to the last four minutes of the game, though. For example, if my team has trailed but takes the lead within the last four minutes, then I'm for using a stall! I think the clock also should be used during tournament games."

"A very memorable moment last season occurred when Kentucky failed to get off a shot in time against Tennessee. I basically favor the clock, but eliminating the five-second held-ball rule was a mistake. I would rather watch a team stall with good ball movement than allow a player to hold the ball under defensive pressure."

"Yes, I am in favor of using the shot clock in basketball games. I feel that using the clock tends to speed up the game and helps to encourage offensive play more than defensive play. The shot clock also makes the basketball game much more exciting for the fans, in my opinion."

"I like the clock. I think it creates more interest and excitement. It also helps prepare college players for the professional game, where the clock is used. I think that my son, Ron (former University of Tennessee All-American cager), would have enjoyed playing with a shot clock, because there's often more scoring in these games."

Current Nuclear Division softball league standings

Early standings in the Oak Ridge softball leagues are as follows:

Atomic League		
Name	Won	Lost
Ole Ruff & Ready Gang	6	0
B. T. Express	5	0
B. K. Buzzards	4	2
Magnum Force '83	3	2
High Energy	3	2
C. I. A.	2	2
Warriors	2	3
The Jugheads	2	3
Thunder Dogs	2	4
Bruins	2	4
Bandits	2	4
Bingles	2	4
Nomads	0	5

Carbon League - East Division		
Name	Won	Lost
Fes-Kids	6	0
Waggin' Tongue	3	0
Pirates	5	1
Beer Hunters	4	1
Ringers	4	2
Red Eye Gravy	3	2
Sonny's Bandits	3	2
Mug Huggers	3	3
Mean Squares	2	2
Outlaws	2	2
Fup Ducks	2	3
Sweat Sox	2	4
Killer Bees	1	3
Swingers	1	5
Mert Dirt	0	4
Short Circuits	0	7

Carbon League - Central Division		
Name	Won	Lost
Strokers	6	0
Foul Play	5	0
3 - D's	5	1
Pits	4	1
The Straps	4	1
Loose Balls	3	1
Stray Cats	3	1
Ridge Runners	2	3
Streakers	2	3
Flukes	2	4
Catch One	2	5
Tom's Turkeys	1	4
Knockers	1	4
Whirlybirds	1	5
Tappers	1	5
'Tail Gators'	1	5



PADUCAH BOWLING WINNERS — The Cobras recently captured the Paducah bowling league championship, defeating the Bushwhackers. Cobra team members are, from left, Roger Dew, Operations; Kurt Hardman, captain, Maintenance; Joe Williams, Employee Relations; Dwight Peyton, Maintenance; and Jerry Arnzen, Operations. Randy White is not pictured.

Carbon League - West Division		
Name	Won	Lost
Orange Crush	4	0
Odds & Ends	6	1
Dazed & Confused	4	1
Super Subs	4	1
Stonefingers	3	1
T-Lab Tankers	2	2
Surprise - Surprise	2	3
Absolute Zeros	2	3
Fed I	2	3
The Zombies	1	3
Y-12 Co-ops	1	3
Odd Bods	1	4
P.O.I.	0	3
Balrogs	0	4

High-Power Rifle League match winners announced

Jack Spurling of Y-12 won the third match of the High-Power Rifle League, scoring 770 out of a possible 800. Roger Wiegand of Y-12 finished second with a 751, while Hugo Bertini of ORNL placed third with a 704.

Anniversaries



J. Paul Blakely
Metal Preparation
Y-12
40 years

Y-12

35 YEARS

Roy E. Shelton, Metal Preparation.

25 YEARS

William O. Gordon and John L. Reagan.

20 YEARS

Betty W. Powell and Chester F. Wright Jr.

ORGDP

35 YEARS

Allan H. Petree, Engineering; Willard Brown, Maintenance; Harley C. Orange Sr., Technical Services.

30 YEARS

Robert L. Ritter, Process Support; Donald E. Tidwell, Separation Systems; Guy V. Tucker Jr., General Accounting; Hubert C. Webb, Purchasing; Charles P. Frew, Operating Contractors Project Office.

25 YEARS

Bobby J. Ford and Thomas E. Douglass.

20 YEARS

Edgar G. Blair, Larry F. Richardson.

PADUCAH

30 YEARS

Joe C. Taylor, Materials Department; and Robert E. Grant Jr., Analytical Laboratory.

25 YEARS

James F. Lansden.

20 YEARS

James E. Shaughnessy Jr.

ORNL

35 YEARS

William A. Manuel, Plant and Equipment.

30 YEARS

Henrietta R. Hendrickson, Engineering Physics; James R. Hensley, Plant and Equipment; Irene H. Brogden, Information; and Onzie W. Christian, Engineering Physics.

25 YEARS

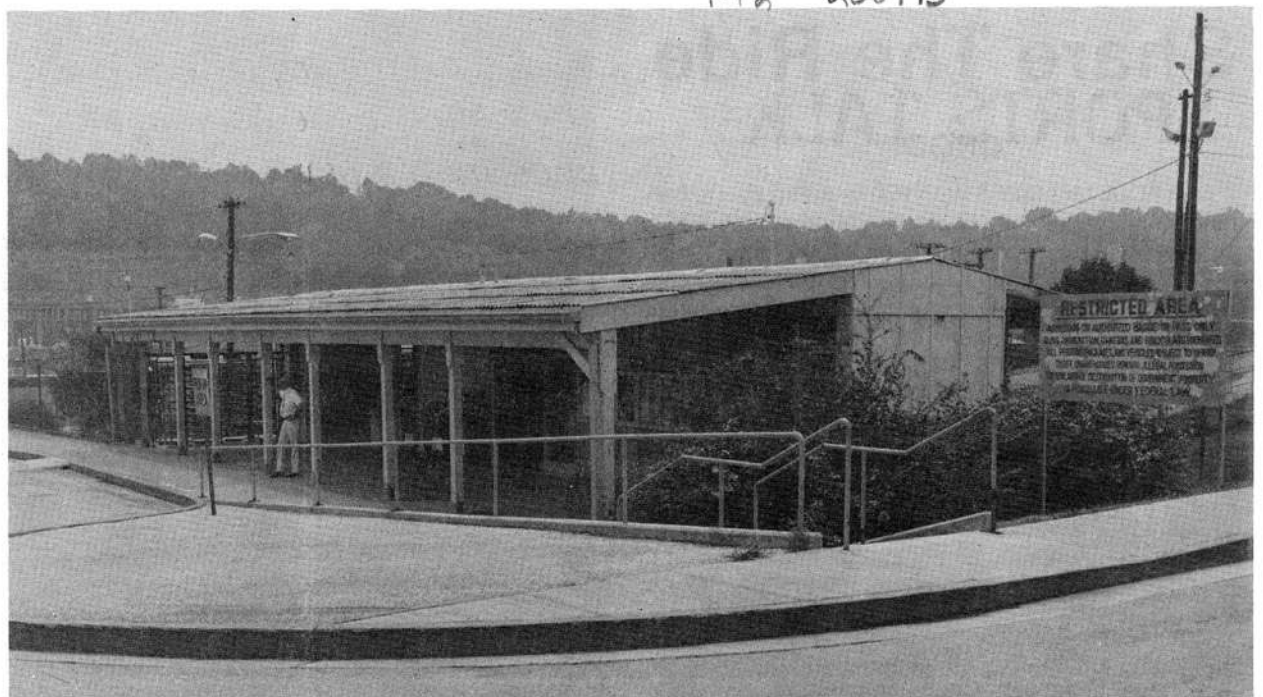
Herschel Godbee.

20 YEARS

James B. Overton.

Next issue . . .

The deadline for the next issue of *Nuclear Division News* is Wednesday, June 22. The issue will be dated June 30.



Y-12 CENTRAL PORTAL GETS FACE LIFT — Employees and visitors who enter or leave the Y-12 Plant by way of the Central Portal have noticed some marked changes during the past year. (See "before and after" photos, above.) Several modifications and additions have been made as part of the Y-12 Plant Upkeep Program. The exterior portal, guard booth and utility closet were either covered with prefinished wall siding or painted. Cracked concrete and some asphalt areas were resurfaced with brick paving material, and one area was landscaped and plants and shrubs were added (bottom photo). New benches and trash containers were installed for the convenience of employees. Upgrading activities in 1982 also included bus stop shelters, other portals, the A-2 Wing Machine Shop, the lunchroom in Building 9723-25, perimeter fences and some changehouses. Emphasis of the program this year will continue to be on improving high visibility areas that are used by large numbers of employees. These include the Y-12 Cafeteria Building and some additional production shops, lunchrooms and changehouses.



Share The Ride

ORGDP

CAR POOL MEMBERS WANTED from Farragut to Portals 3, 2 and 8, day shift. Phone Don Muldrew at 6-0353; or Lonnie Holleman at 4-8848.

RIDE NEEDED from Hillside Drive, off Pennsylvania in Oak Ridge, to Portal 7, day shift. Velma Moore, plant phone 4-8807; home phone 483-9732.

CAR POOL MEMBERS WANTED from east end of Oak Ridge to any portal, day shift. Doug Janney, plant phone 4-9448; home phone 483-1619.

CAR POOL MEMBERS WANTED from Cedar Bluff Shopping Center to Portal 2, day shift. Fredrick Markham at 6-2504 or 691-3067; or Roy Munsey at 4-7903 or 693-0130.

ORNL

VAN POOL RIDERS NEEDED (room for two) from West Knoxville (Cedar Springs Shopping Center, Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

BUS POOL MEMBERS NEEDED from the Burlington Area, Asheville Highway, heading in the direction of I-640, stopping at Broadway and Tazewell Pike. The next stop is Papermill and Weisgarber, then to Cloth World on Kingston Pike. The next stop, via Kingston Pike, is Lovell Heights Shopping Center, then on via Pellissippi Parkway to all portals, 8-4:30. P. R. Long, plant phone 4-4154; or Twana Taylor, 4-7281.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

VAN POOL RIDERS NEEDED from East Knoxville — down Middlebrook Pike, Cedar Bluff and back down Middlebrook Pike to Pellissippi Parkway to East and West Portals, 8-4:30. Contact A. J. Boatwright, plant phone 4-6041; home phone 970-4231.

BUS POOL RIDERS NEEDED from Maryville via Highway 95, with stops in Lenoir City. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

CAR POOL MEMBERS NEEDED (five-person car pool) from Middlebrook Pike (Landmark, Stonebrook and Crestwood subdivisions), and Piney Grove Church Road to East Portal. Contact J. W. Sims, plant phone 4-5926, home phone 693-8829; or J. W. Nave, plant phone 4-4485, home phone 690-4395.

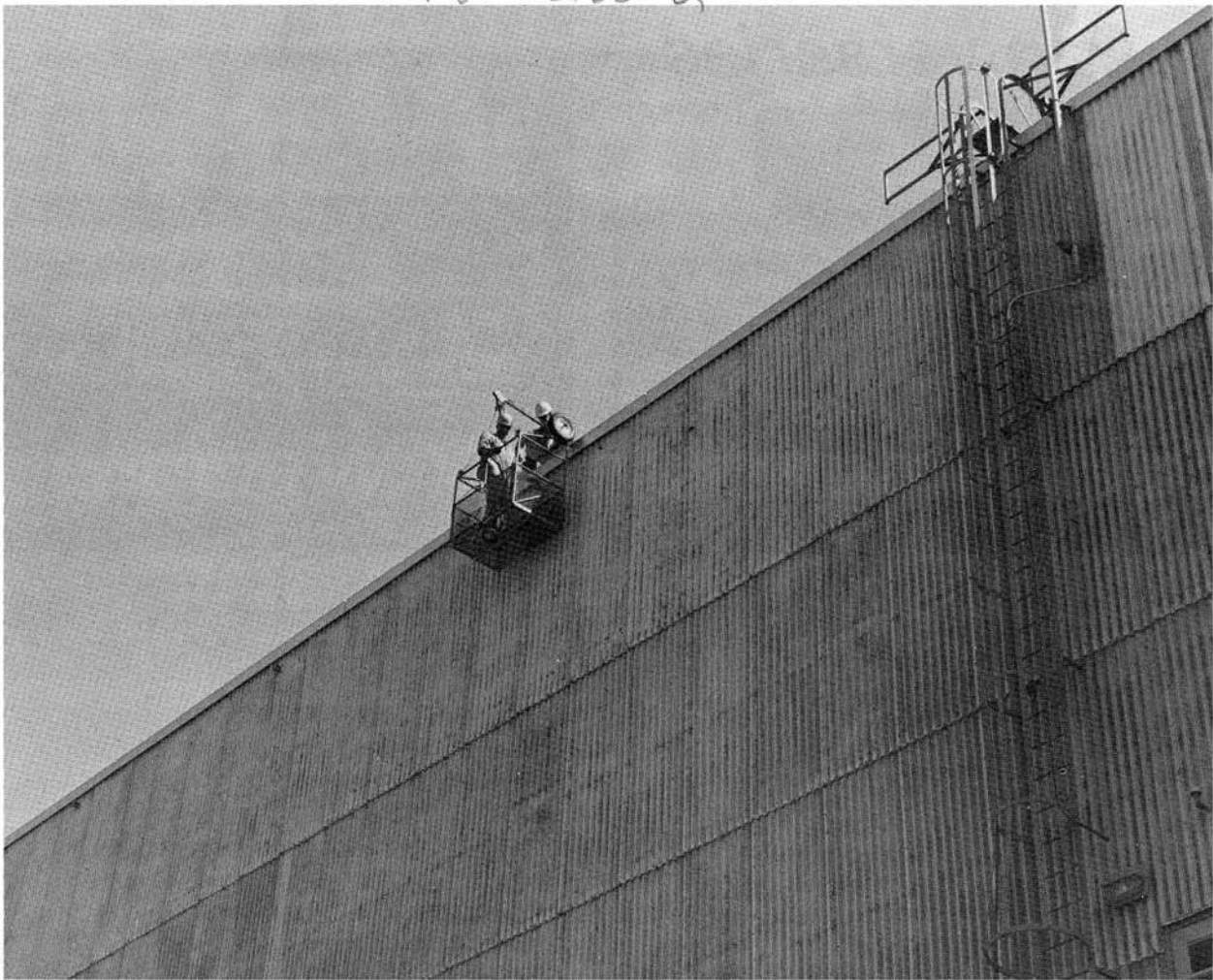
BUS POOL RIDERS NEEDED from Maryville via Highway 95, with stops in Lenoir City. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

Y-12

VAN POOL RIDERS NEEDED from Lake City, Norris and Clinton, 7:30-4. Joe Foust, plant phone 4-5889; home phone 426-2947.

BUS POOL RIDERS NEEDED from Knoxville, I-40 at Alcoa Highway (Expo Inn), 8-4:30. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

RIDE NEEDED from Joyner Community, 7:30-4. Brenda Burch, plant phone 4-2961; home phone 324-8492.



FIVE YEARS WITHOUT A 'SLIP' — Paducah Maintenance personnel use a basket suspended from the roof to attach safety brackets for guard railing. Members of the crew spent much of their time over the last five years working on the project.

Paducah crew members commended for exceptional safety performance

They worked in the rain, wind and cold, while perched on the edge of a process building roof nearly 100 feet above the ground. "They" were a crew of nine men chosen to spend much of their time during the last five years working high above the rest of the Paducah Plant.

James Burr, Larry Davis, Kenneth Housman, Willis Dowell, Wilson Kinsey, Galen Langston, Howard Logsdon, John Vanclevel and Gary Vaughn, all of Paducah's Maintenance Division, made up the crew assigned to install roof-edge guarding in preparation for a major roofing project.

Before subcontractors could replace more than 3.5-million square feet of deteriorated roofing, the crew had to install a system of

safety brackets to hold the guard railing needed to protect the roofers. The crew installed more than 1,200 brackets (1 every 20 feet) along the perimeter of 16 buildings.

In spite of the precarious nature of the work, the crew completed the project without an accident. For their exceptional performance in the area of safety, each crew member received a certificate of special commendation.

As the Paducah Plant approaches three years without a lost workday case, all employees should take pride in their safety achievements. Special congratulations should go to the men who spent nearly five years working along the roof's edge without so much as a slip.

Safety Scoreboard

SAFETY TIP: According to the AAA Automobile Club, motorists should be extra careful during the summer months when driving near playgrounds, swimming pools and stores that attract lots of children, thus creating potential safety hazards.

Time worked without a lost-time accident through June 9:

Y-12 Plant	58 Days	2,041,000 Employee-Hours
ORGDP	23 Days	495,600 Employee-Hours
ORNL	358 Days	7,735,726 Employee-Hours
Paducah	1,045 Days	8,368,180 Employee-Hours

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